

FIG. 1

First, a number of old bamboos grown for over 4 years are chosen and carbonized via burning at a high temperature into bamboo carbon of delicate in structure, high in relative density, numerous in porosity, and rich in minerals.



Second, the bamboo carbon carbonized at a high temperature is then ground into bamboo carbon powder.



Third, the bamboo carbon powder in a percentage of 2.5% is evenly mixed with 97.5% of polyester grains and processed at a high temperature of 450°C into dying pigment base which, via the bamboo carbon powder of strong adhesive and dissolving capacities, is equipped with the functions of anti-bacteria, humid-adjustment, and deodorization to efficiently absorb and dissolve the odor of some harmful chemicals. Besides, infrared suitable to the absorption of human body for good blood circulation and body health is produced, and beneficial negative ions are increased in the air to balance the humidity and achieve anti-bug design, efficiently advancing the quality and functions of the dying pigment base thereof. The dying pigment base thereof is further applied and processed into yarns that are knitted into fabric of different kinds, greatly boosting its value in commercial use thereof.

FIG. 2

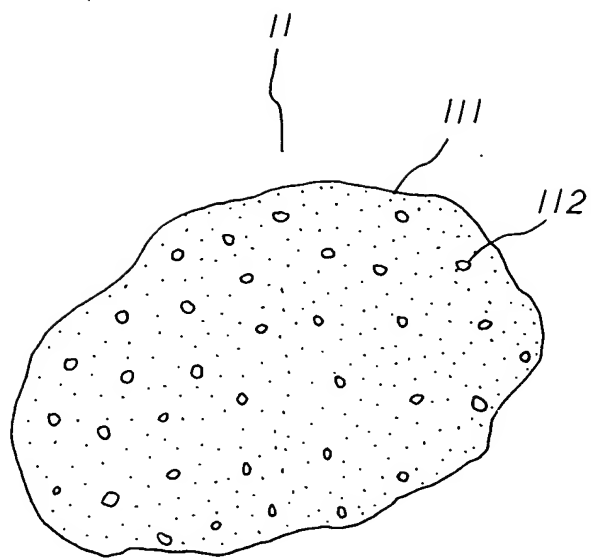


FIG. 3